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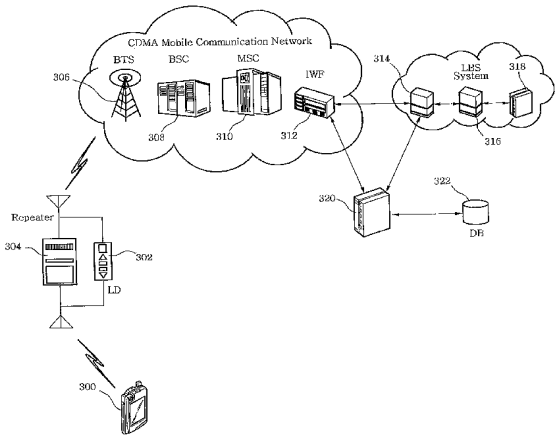
(54) **Title:** METHOD AND SYSTEM FOR DETERMINING POSITION OF TERMINAL BY USING LOCATION DETECTOR IN GPS SATELLITE-INVISIBLE AREA




(57) **Abstract:** The method for positioning a mobile terminal in a GPS satellite-invisible area by using a mapping server including the mobile terminal, a location detector, a PDE and a database, comprising: (a) obtaining a reference pilot signal of a base station or a repeater and a LD pilot signal from the location detector; (b) transmitting information on the reference pilot signal or the LD pilot signal to the PDE by using a PSMM, if a strength of the reference pilot signal or the LD pilot signal is determined to be larger than a prescribed value; (c) calculating a pseudo noise code phase information of the mobile terminal by using the pseudo noise code phase value transmitted at step (d). value per chip from the PSMM; noise code phase value to the pseudo noise code phase value determined to be a pseudo noise a location detection; and (d) transmitting the pseudo LD mapping server, if the calculated at step (c) is code phase value served for (e) obtaining a location information of the mobile terminal by using the pseudo noise code phase value transmitted at step (d).

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